



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Tuesday, May 12, 2015

Issued: 0800 CT

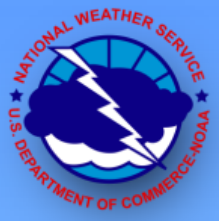
Day 1 Hazards: Marginal risk of severe thunderstorms across NM and southern half of Texas into LA. Moderate risk of flooding and flash flooding across central Texas.

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Kurt M. Van Speybroeck
817-978-1100 x 147

Key Points



Today

- Marginal risk of severe storms across NM and southern half of Texas into Southern LA.
- Heavy rainfall/flash flooding threat continues for central and south TX; another 1-3 inches of rainfall with locally higher amounts possible across this area

Wednesday - Saturday

- Heavy rainfall potential continues through the weekend over Texas and into Oklahoma which will likely lead to additional flash flooding and river flooding concerns.
 - Moderate or greater river flooding is possible across Texas based on potential rainfall amounts and locations. Current rivers of concern are the Rio Grande, Sabine, Trinity and Brazos rivers. Additional river basins will be monitored closely for additional flooding.

Tropical Weather Outlook



Two-Day Graphical Tropical Weather Outlook National Hurricane Center Miami, Florida



No Disturbances

Satellite Image from
11:52 pm EDT May 11

**Tropical cyclone activity is not expected
during the next 48 hours.**

**E. PACIFIC
OUTLOOK**

**12:30 am EDT
Tue May 12 2015**






www.hurricanes.gov

Current Disturbances and 2-Day Cyclone Formation Chance: < 40% 40-60% > 60%
Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane
 Post-Tropical Cyclone Remnants

*FEMA Region 6 Threat Matrix

May 12, 2015 - May 16, 2015

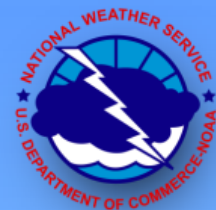
DAY/ THREAT	TUE	WED	THU	FRI	SAT
Severe Storms	Nm/S TX and S LA	S TX		OK/ TX Panhandle	Central OK/ North TX
Heavy Rain /Flooding	Central and South TX	North Central/South TX/Central OK	Northeast/Cntrl/S TX /NE OK	N TX into Central TX/W OK	Central through NE TX
Fire					
Heat					

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.



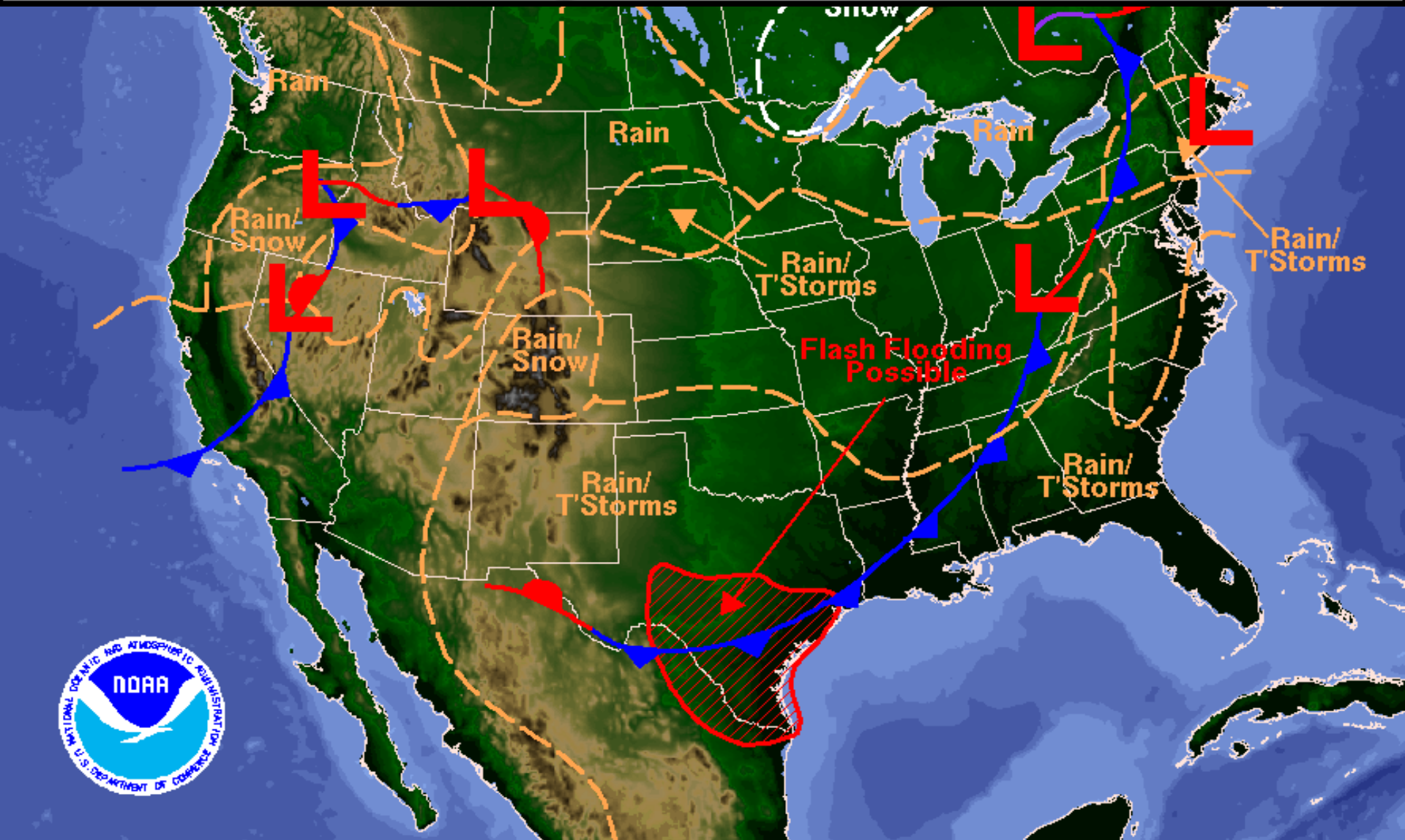
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

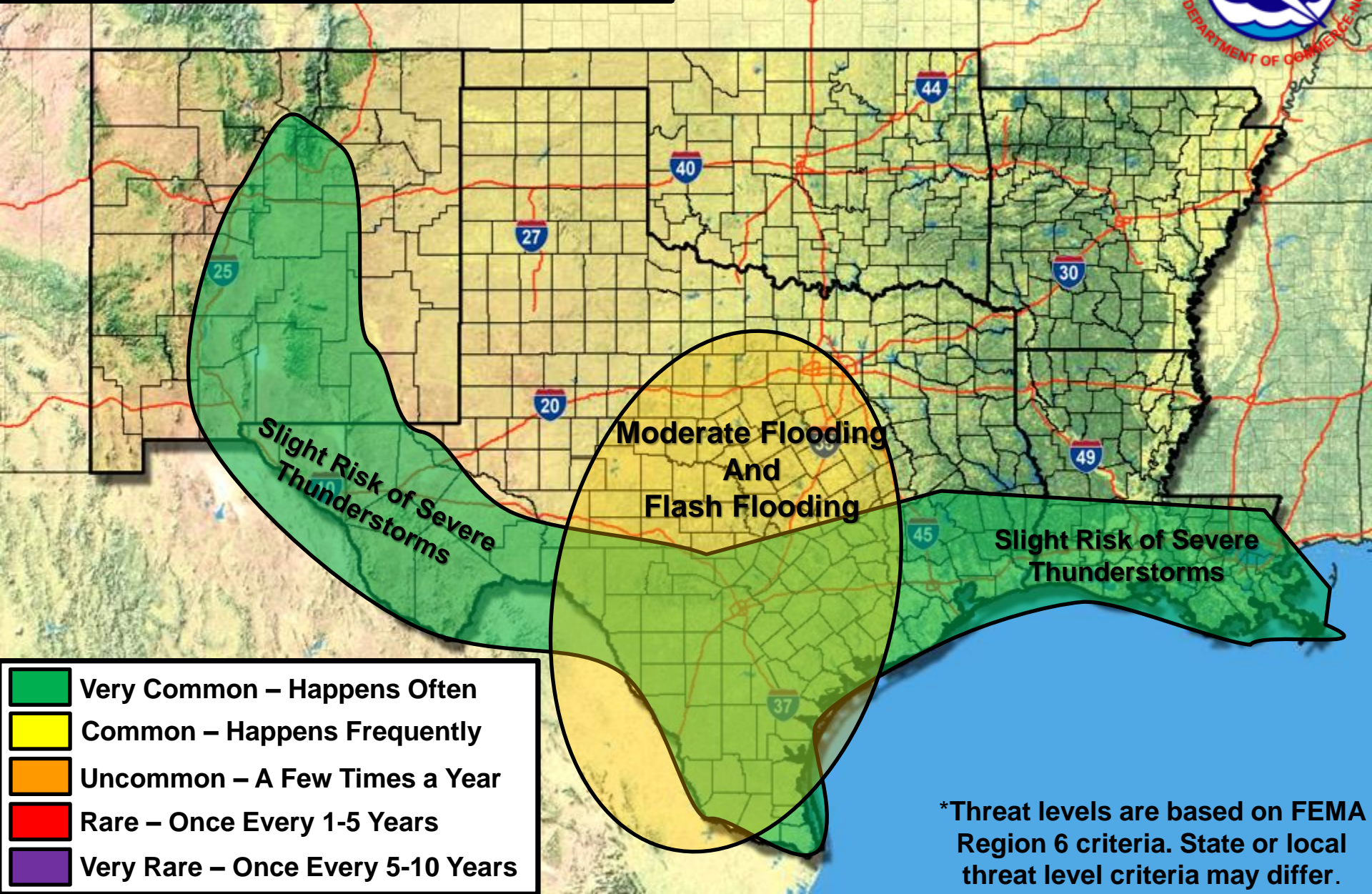
Today's Weather



Weather Forecast for Tue, May 12, 2015, issued 4:25 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Fanning based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards






Valid: 0800 Tue - 0800 Wed



**Slight Risk of Severe
Thunderstorms**

**Moderate Flooding
And
Flash Flooding**

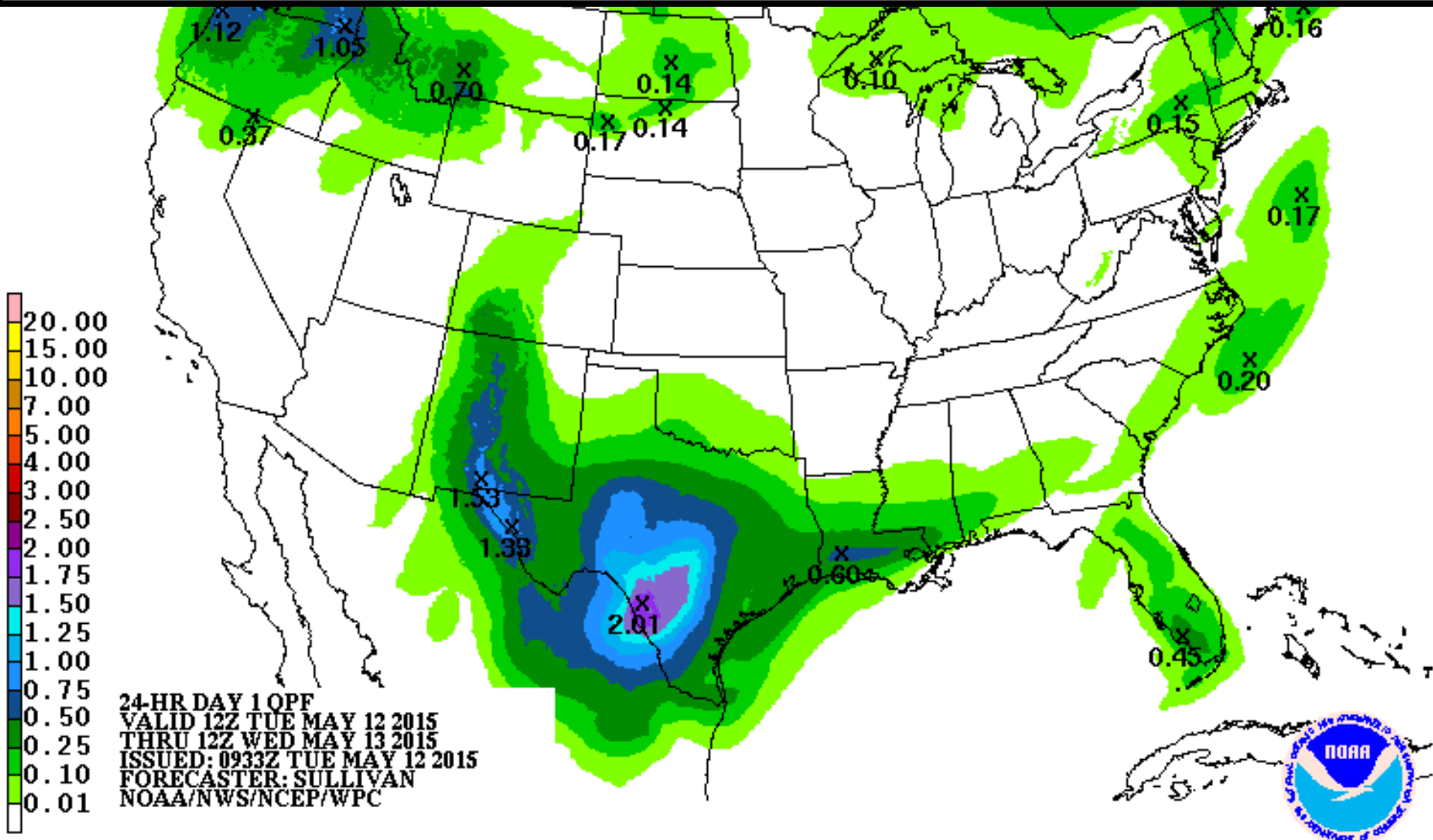
**Slight Risk of Severe
Thunderstorms**

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*

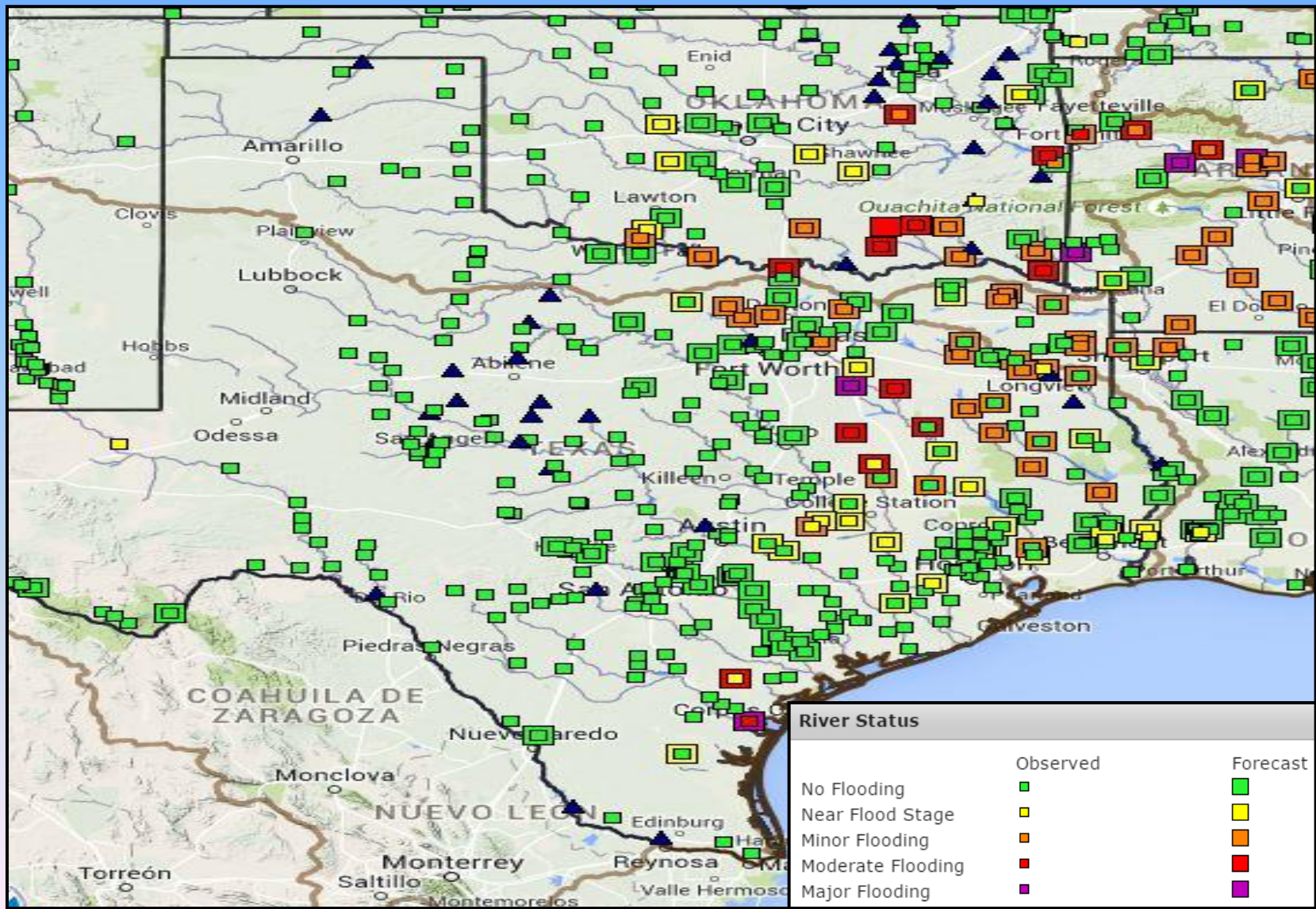
Today's Precipitation

Tue AM - Wed AM



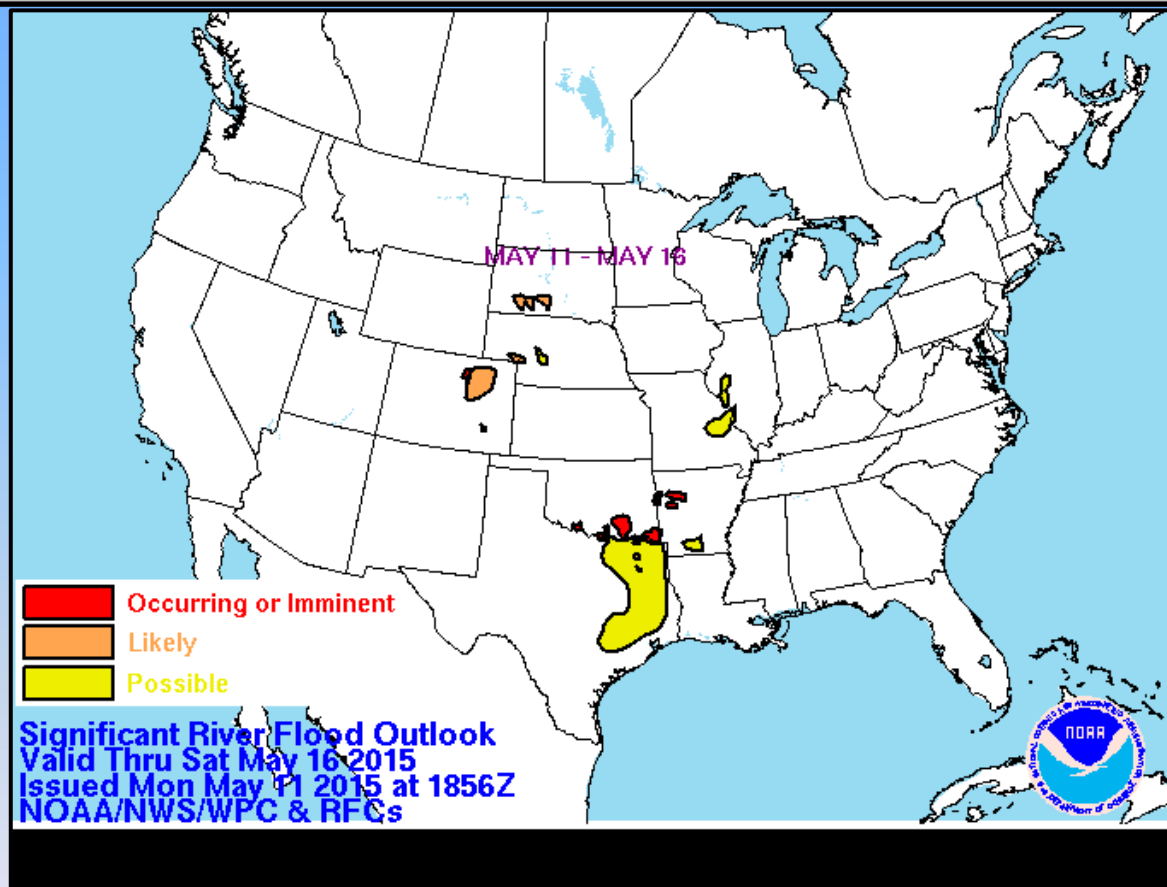
Current River Status / Near Term Forecast

Several river points in Oklahoma are in moderate to major flood stage; points in north and east Texas and areas in Arkansas are in minor to moderate flood stage.



River Flood Outlook

River flooding is possible across much of east-central and north-central Texas this week. River flooding is occurring or likely through at least today and for some areas throughout the week over S and E OK, SW AR and N-Central TX.



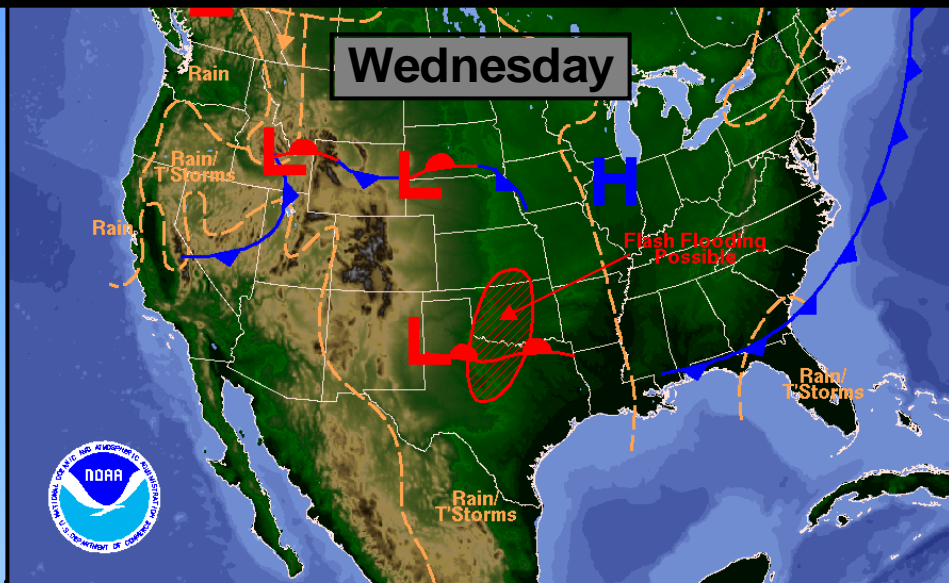
Detailed River Flood Outlooks can be found here:

<http://www.srh.noaa.gov/wgrfc/?n=wgrfcfop>

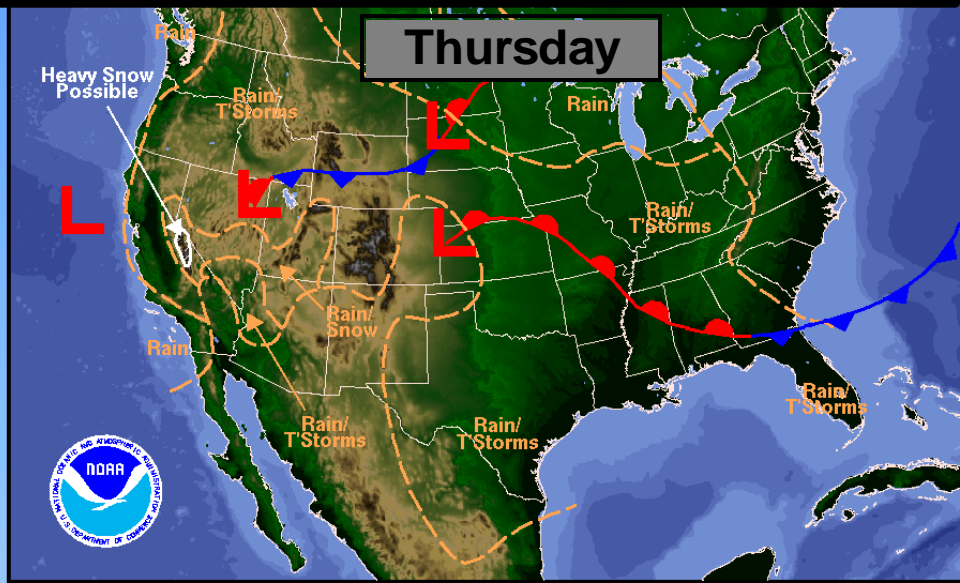
<http://www.srh.noaa.gov/abrfc/?n=abrfcfop>

<http://www.srh.noaa.gov/lmrfc/?n=fop>

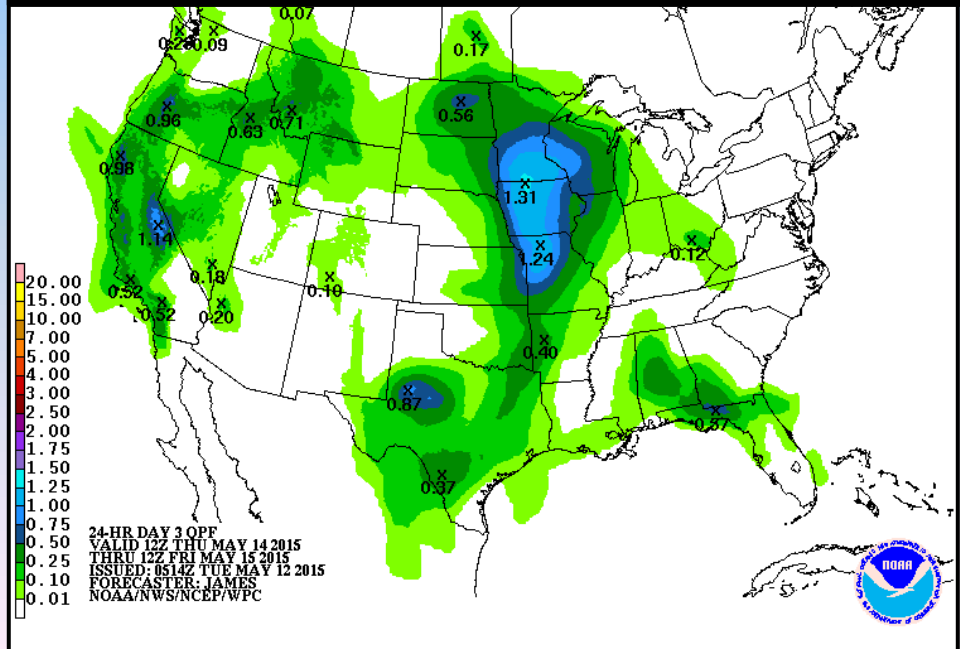
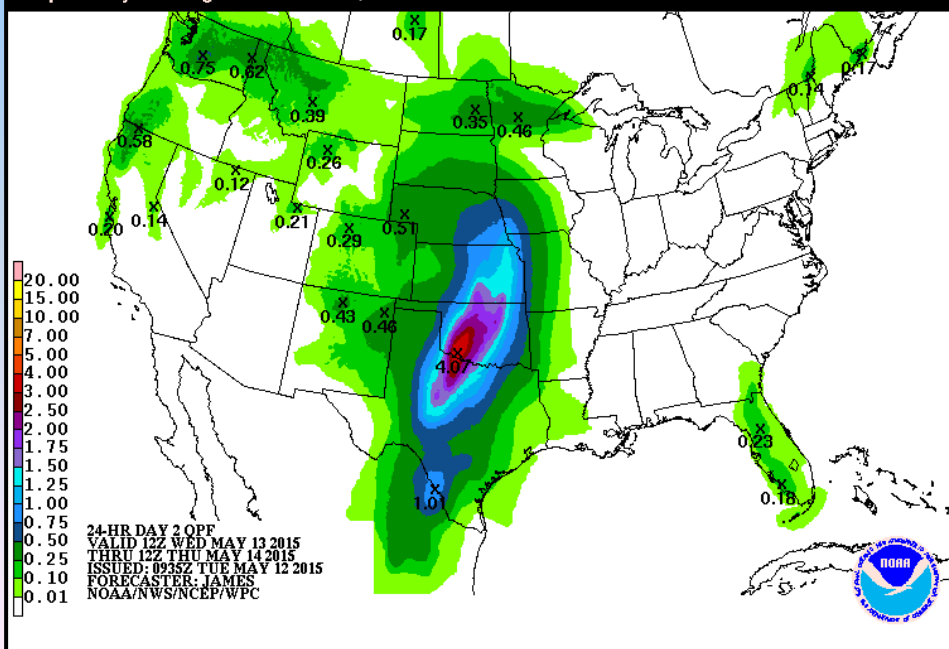
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Wed, May 13, 2015, issued 4:28 AM EDT Tue, May 12, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Fanning based on WPC, SPC and NHC forecasts

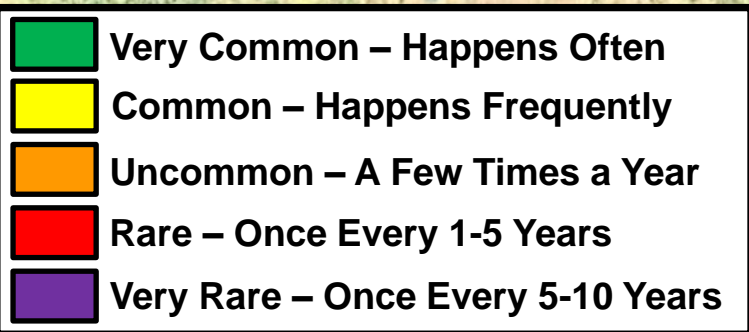
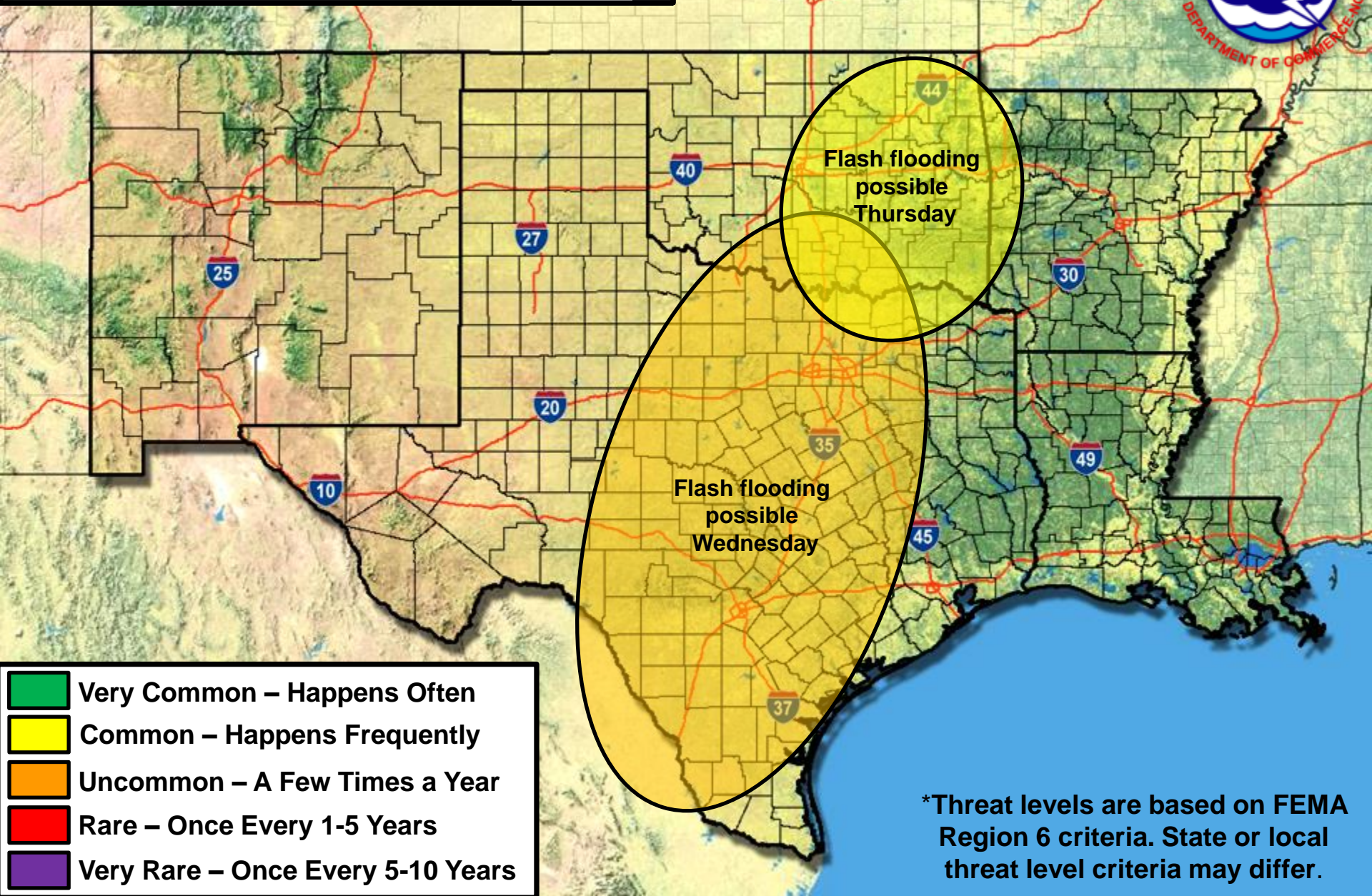


Weather Forecast for Thu, May 14, 2015, issued 4:33 AM EDT Tue, May 12, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Fanning based on WPC, SPC and NHC forecasts



Day 2-3 Weather Hazards

Valid: 0800 Wed - 0800 Fri



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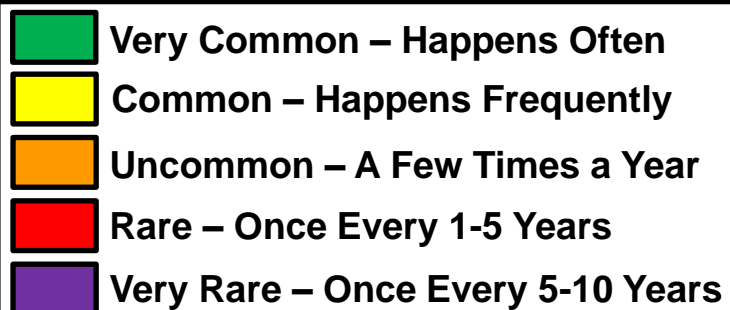
Day 4-5 Weather Hazards

Valid: 0800 Fri - 0800 Sun



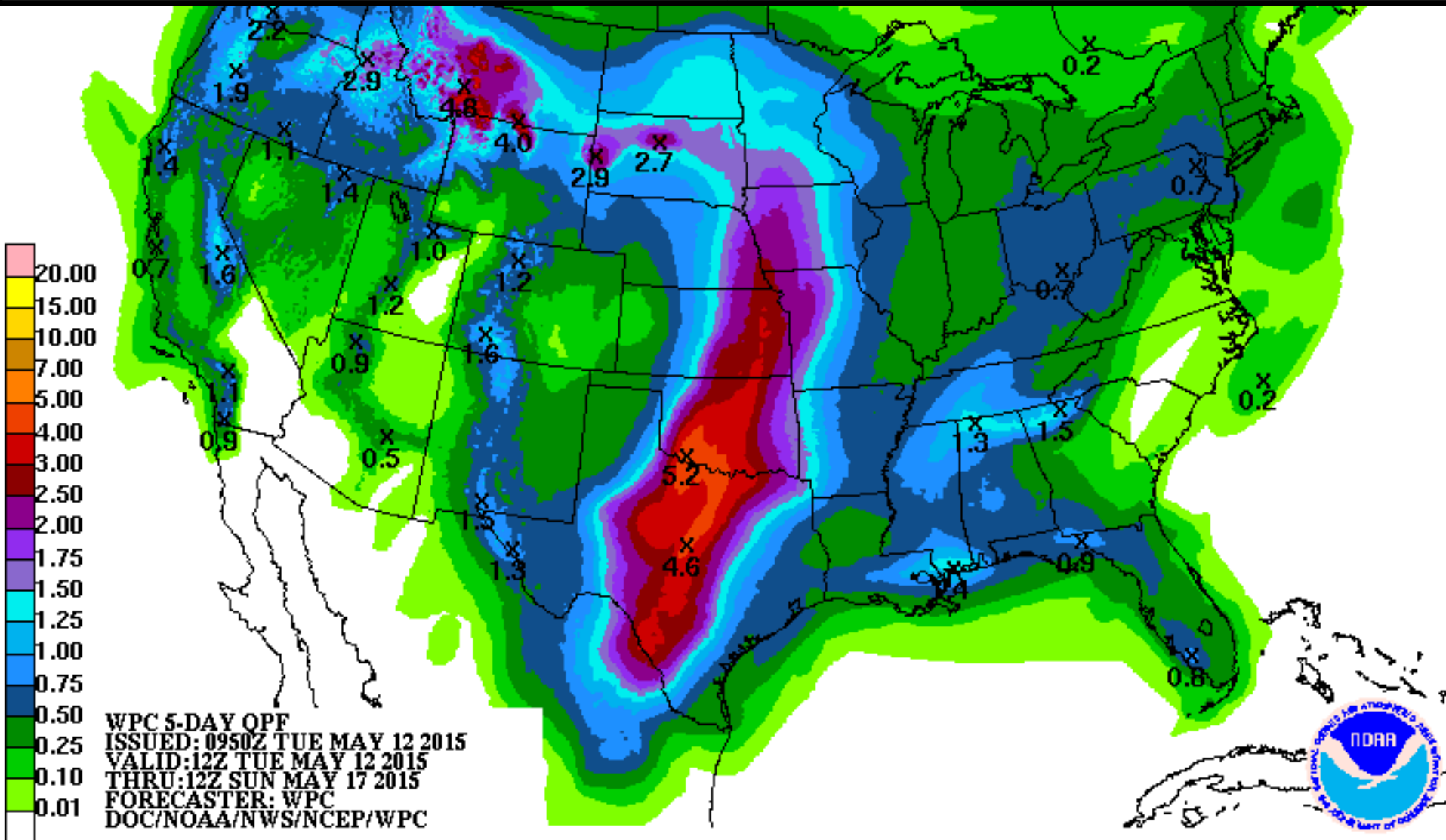
Slight Risk
of severe
thunderstorms
and heavy rain
Friday and Saturday

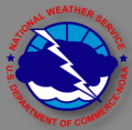
Flooding/Flash flooding
possible
Through Saturday



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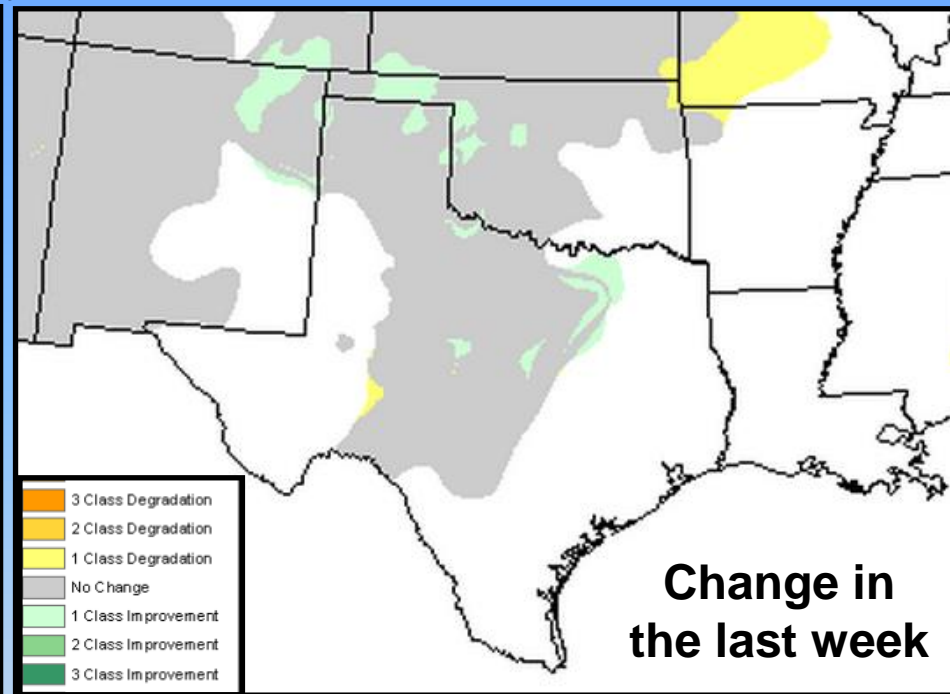
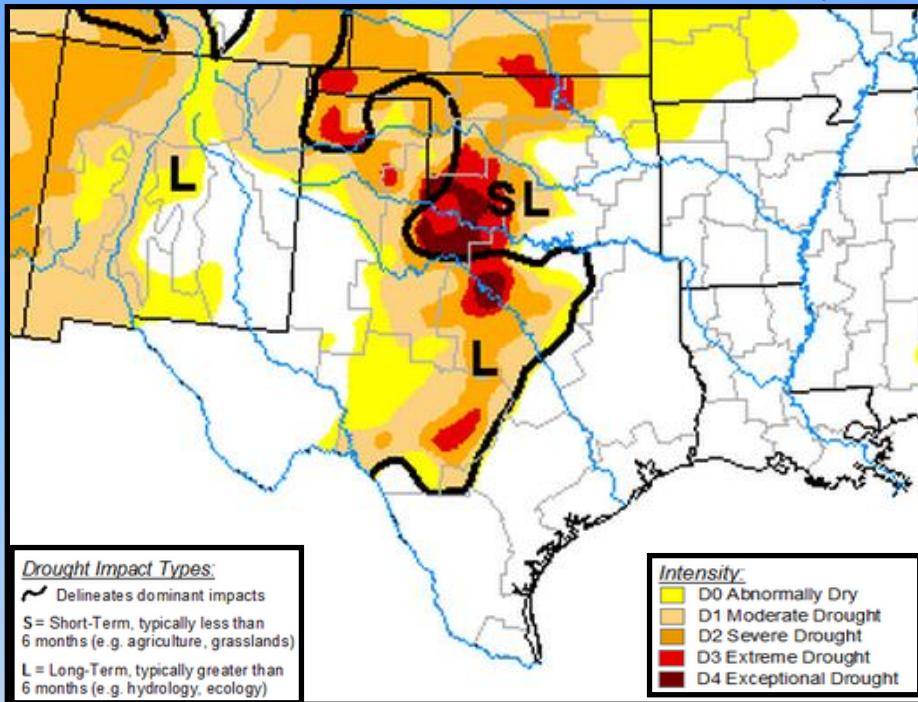
5-Day Precipitation Tue AM - Sun AM





Drought Monitor Released May 7th, 2015

Data valid as of Tuesday, May 5th, 2015 at 7AM EST



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	17.95%	24.34%	22.58%	48.86%
Texas	5.48%	5.57%	11.24%	46.17%
New Mexico	0.00%	0.00%	3.70%	33.28%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

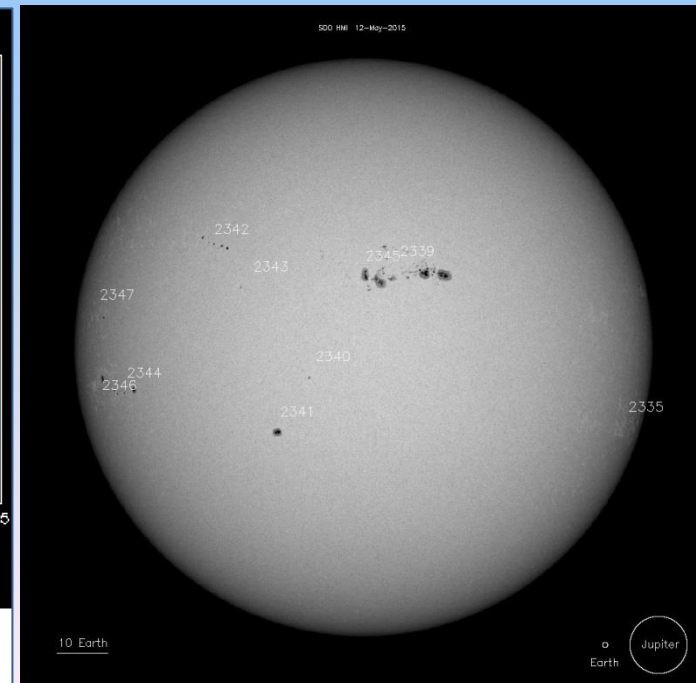
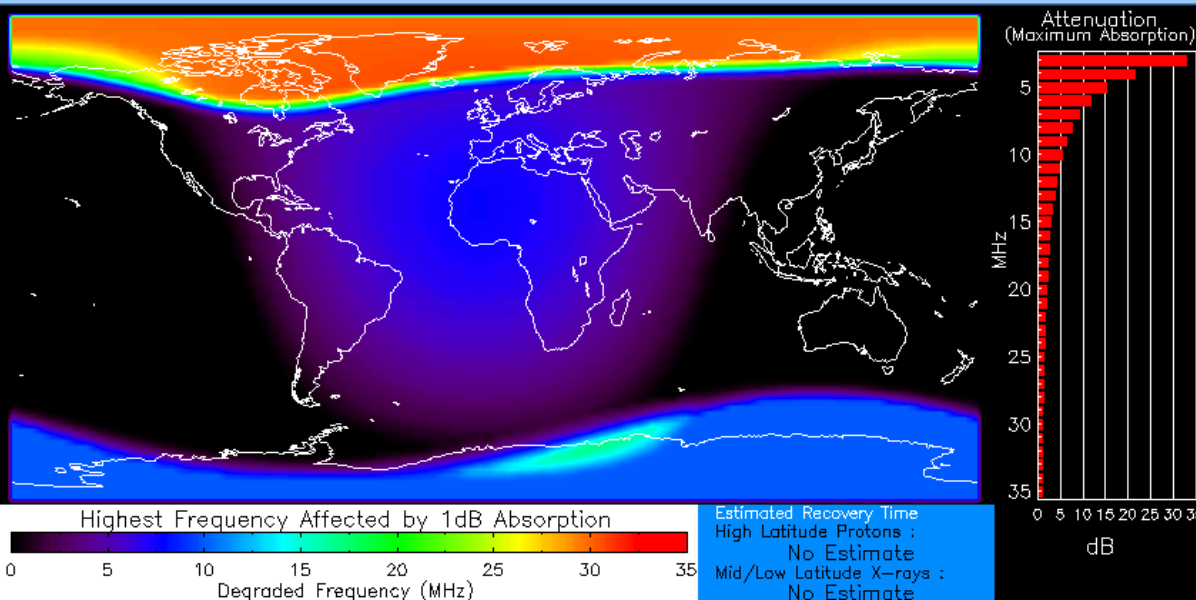
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Minor (G1) Storm (Max Kp = 5)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	30%	30%	30%
Radio Blackout (R3-R5)	5%	5%	5%



Normal X-ray Background
Product Valid At : 2015-05-12 12:24 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (817) 978-1100 x147

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.srh.noaa.gov>

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<https://www.facebook.com/NWSSouthern> (**NEW link!!**)

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